



```
GN  GUB1-L.
OS  Zea mays (maize).
OC  Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;
OC  Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.
OX  NCBI_TaxId=4577;
RN  [1]
RP  SEQUENCE FROM N.A.
RC  STRAIN-W64A.
RX  MEDLINE=92090707; PubMed=1752424;
RA  Belanger F.C., Kriz A.L.;
RT  "Molecular basis for allelic polymorphism of the maize globulin-1
RT  gene.";
RL  Genetics 129:863-872(1991).
DR  EMBL; X59083; CAA41809.1; -.
DR  HSSP; P50477; ICAU.
DR  MENDEL; 11234; Zeama:1188;11234.
DR  INTERPRO; IPR000901; -.
DR  INTERPRO; IPR001113; -.
DR  PFAM; PF00546; Seedstore_7s; 1.
DR  PROSITE; PS00867; CPSASE_2; UNKNOWN_1.
DR  PRODOM; PD081059; -. 1.
KW  Seed storage protein.
SQ  SEQUENCE 582 AA; 66162 MW; 680D85FEC07CB885 CRC64;
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Query Match          100.0%; Score 350; DB 10; Length 582;
Best Local Similarity 100.0%; Pred. No. 1.2e-31;
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY  1 EDDNNHHHGHSKSGCVCRCEDRPMHQRPCLEQCREREERKROERSRHEDDRSGEGSS 60
    |||||||
DB  25 EDDNNHHHGHSKSGCVCRCEDRPMHQRPCLEQCREREERKROERSRHEDDRSGEGSS 84
```

```
RESULT 3
ID  09SBE5          PRELIMINARY;      PRT;      238 AA.
AC  09SBE5;
DT  01-MAY-2000 (TREMBLrel. 13, Created)
DT  01-MAY-2000 (TREMBLrel. 13, Last sequence update)
DT  01-OCT-2000 (TREMBLrel. 15, Last annotation update)
DE  GLOBULIN-1 (FRAGMENT).
OS  Zea luxurians (Teosinte).
OC  Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;
OC  Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.
OX  NCBI_TaxId=15945;
RN  [1]
RP  SEQUENCE FROM N.A.
RC  Hilton H., Gaut B.S.;
RT  "Speciation and domestication in maize and its wild relatives:
RT  evidence from the globulin-1 gene.";
RL  Genetics 0:0-0(1998).
DR  EMBL; AF064231; AAC31474.1; -.
DR  HSSP; P50477; ICAU.
DR  INTERPRO; IPR000901; -.
DR  INTERPRO; IPR001113; -.
DR  PFAM; PF00546; Seedstore_7s; 1.
DR  PROSITE; PS00867; CPSASE_2; UNKNOWN_1.
FT  NON_TER      238
SQ  SEQUENCE 238 AA; 27254 MW; FFA7BA7BA425D68 CRC64;
```

```
Query Match          98.9%; Score 346; DB 10; Length 238;
Best Local Similarity 98.3%; Pred. No. 1.6e-31;
Matches 59; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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```
OY  1 EDDNNHHHGHSKSGCVCRCEDRPMHQRPCLEQCREREERKROERSRHEDDRSGEGSS 60
    |||||||
DB  25 EDDNNHHHGHSKSGCVCRCEDRPMHQRPCLEQCREREERKROERSRHEDDRSGEGSS 84
```

```
RESULT 4
O9S6Z6
```

```
ID  09S6Z6          PRELIMINARY;      PRT;      238 AA.
AC  09S6Z6;
DT  01-MAY-2000 (TREMBLrel. 13, Created)
DT  01-MAY-2000 (TREMBLrel. 13, Last sequence update)
DT  01-OCT-2000 (TREMBLrel. 15, Last annotation update)
DE  GLOBULIN-1 (FRAGMENT).
OS  Zea luxurians (Teosinte).
OC  Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;
OC  Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.
OX  NCBI_TaxId=15945;
RN  [1]
RP  SEQUENCE FROM N.A.
RC  Hilton H., Gaut B.S.;
RT  "Speciation and domestication in maize and its wild relatives:
RT  evidence from the globulin-1 gene.";
RL  Genetics 0:0-0(1998).
DR  EMBL; AF064232; AAC31475.1; -.
DR  EMBL; AF064227; AAC31470.1; -.
DR  EMBL; AF064230; AAC31473.1; -.
DR  HSSP; P50477; ICAU.
DR  INTERPRO; IPR000901; -.
DR  INTERPRO; IPR001113; -.
DR  PFAM; PF00546; Seedstore_7s; 1.
DR  PROSITE; PS00867; CPSASE_2; UNKNOWN_1.
FT  NON_TER      238
SQ  SEQUENCE 238 AA; 27271 MW; FFE2169616319268 CRC64;
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```
Query Match          98.9%; Score 346; DB 10; Length 238;
Best Local Similarity 98.3%; Pred. No. 1.6e-31;
Matches 59; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
OY  1 EDDNNHHHGHSKSGCVCRCEDRPMHQRPCLEQCREREERKROERSRHEDDRSGEGSS 60
    |||||||
DB  25 EDDNNHHHGHSKSGCVCRCEDRPMHQRPCLEQCREREERKROERSRHEDDRSGEGSS 84
```

```
RESULT 5
ID  081252          PRELIMINARY;      PRT;      240 AA.
AC  081252;
DT  01-NOV-1998 (TREMBLrel. 08, Created)
DT  01-NOV-1998 (TREMBLrel. 08, Last sequence update)
DT  01-OCT-2000 (TREMBLrel. 15, Last annotation update)
DE  GLOBULIN-1 (FRAGMENT).
OS  Zea mays subsp. mays (maize).
OC  Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;
OC  Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.
OX  NCBI_TaxId=4578;
RN  [1]
RP  SEQUENCE FROM N.A.
RC  Hilton H., Gaut B.S.;
RT  "Speciation and domestication in maize and its wild relatives:
RT  evidence from the globulin-1 gene.";
RL  Genetics 0:0-0(1998).
DR  EMBL; AF064215; AAC31458.1; -.
DR  HSSP; P50477; ICAU.
DR  MENDEL; 31894; Zeama:1188;31894.
DR  INTERPRO; IPR000901; -.
DR  INTERPRO; IPR001113; -.
DR  PFAM; PF00546; Seedstore_7s; 1.
DR  PROSITE; PS00867; CPSASE_2; UNKNOWN_1.
FT  NON_TER      240
SQ  SEQUENCE 240 AA; 27560 MW; 5F54BC5CB06A983D CRC64;
```

```
Query Match          98.9%; Score 346; DB 10; Length 240;
Best Local Similarity 98.3%; Pred. No. 1.7e-31;
Matches 59; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
OY  1 EDDNNHHHGHSKSGCVCRCEDRPMHQRPCLEQCREREERKROERSRHEDDRSGEGSS 60
    |||||||
DB  25 EDDNNHHHGHSKSGCVCRCEDRPMHQRPCLEQCREREERKROERSRHEDDRSGEGSS 84
```

```

RESULT 6
ID 003866 PRELIMINARY: PRT: 540 AA.
AC 003866.
DT 01-NOV-1996 (TREMBLrel. 01, Created)
DT 01-NOV-1996 (TREMBLrel. 01, Last sequence update)
DT 01-OCT-2000 (TREMBLrel. 15, Last annotation update)
DE VICLIN-LIKE EMBRYO STORAGE PROTEIN.
GN GLI-S.
OS Zea mays (Maize).
OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;
OC Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.
OX NCBI_TaxID=4577;
RN 11
RP SEQUENCE FROM N.A.
RC STRAIN=VA26;
RA MEDLINE=92090707; PubMed=1752424;
RA Belanger F.C., Kriz A.L.;
RT "Molecular basis for allelic polymorphism of the maize Globulin-1
   gene.";
RL Genetics 129:863-872(1991).
DR EMBL: X59084; CAA41810.1; -.
DR HSSP: P02853; 2PHL.
DR MENDEL: 11235; Zeama; 1188; 11235.
DR INTERPRO: IPR000901; -.
DR INTERPRO: IPR001113; -.
DR PFAM: PF00546; Seedstore_7s; 2.
DR PROSITE: PS00867; CPSASE_2; UNKNOWN_1.
DR PRODOM: PD081059; -.
KW Seed storage protein.
SQ SEQUENCE 540 AA; 60239 MW; 7E1E918CF9C81993 CRC64;

Query Match 98.9%; Score 346; DB 10; Length 540;
Best Local Similarity 98.3%; Pred. No. 3.2e-31;
Matches 59; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDDNNHHHGKSGQCVRCEDRPWHORPRLCQCFREERERKROERSRHEADDRSGGSS 60
   |||||||
Db 25 EDDNNHHHGKSGQCVRCEDRPWHORPRLCQCFREERERKROERSRHEADDRSGGSS 84

RESULT 7
ID 081249 PRELIMINARY: PRT: 238 AA.
AC 081249.
DT 01-NOV-1998 (TREMBLrel. 08, Created)
DT 01-NOV-1998 (TREMBLrel. 08, Last sequence update)
DT 01-OCT-2000 (TREMBLrel. 15, Last annotation update)
DE GLOBULIN-1 (FRAGMENT).
OS Zea mays subsp. mays (maize).
OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;
OC Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.
OX NCBI_TaxID=4578;
RN 11
RP SEQUENCE FROM N.A.
RA Hilton H., Gaut B.S.;
RT "Speciation and domestication in maize and its wild relatives:
   evidence from the globulin-1 gene.";
RL Genetics 0:0-0(1998).
DR EMBL: AF064212; AAC31455.1; -.
DR HSSP: P50477; 1CAU.
DR MENDEL: 31891; Zeama; 1188; 31891.
DR INTERPRO: IPR000901; -.
DR INTERPRO: IPR001113; -.
DR PFAM: PF00546; Seedstore_7s; 1.
DR PROSITE: PS00867; CPSASE_2; UNKNOWN_1.
DR NON_TER 238
FT SEQUENCE 238 AA; 27298 MW; EDF6A1DE3F6BD0F0 CRC64;

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Query Match 97.7%; Score 342; DB 10; Length 238;
Best Local Similarity 96.7%; Pred. No. 4.6e-31;
Matches 58; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDDNNHHHGKSGQCVRCEDRPWHORPRLCQCFREERERKROERSRHEADDRSGGSS 60
   |||||||
Db 25 EDDNNHHHGKSGQCVRCEDRPWHORPRLCQCFREERERKROERSRHEADDRSGGSS 84

RESULT 8
ID 081255 PRELIMINARY: PRT: 238 AA.
AC 081255.
DT 01-NOV-1998 (TREMBLrel. 08, Created)
DT 01-NOV-1998 (TREMBLrel. 08, Last sequence update)
DT 01-MAY-2000 (TREMBLrel. 13, Last annotation update)
DE GLOBULIN-1 (FRAGMENT).
OS Zea mays subsp. parviflumis.
OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;
OC Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.
OX NCBI_TaxID=76912;
RN 11
RP SEQUENCE FROM N.A.
RA Hilton H., Gaut B.S.;
RT "Speciation and domestication in maize and its wild relatives:
   evidence from the globulin-1 gene.";
RL Genetics 0:0-0(1998).
DR EMBL: AF064224; AAC31467.1; -.
DR MENDEL: 31897; Zeama; 1188; 31897.
DR INTERPRO: IPR000901; -.
DR INTERPRO: IPR001113; -.
DR PFAM: PF00546; Seedstore_7s; 1.
DR PROSITE: PS00867; CPSASE_2; UNKNOWN_1.
DR NON_TER 238
FT SEQUENCE 238 AA; 27205 MW; 1186EA5D6EB507E CRC64;

Query Match 97.7%; Score 342; DB 10; Length 238;
Best Local Similarity 96.7%; Pred. No. 4.6e-31;
Matches 58; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDDNNHHHGKSGQCVRCEDRPWHORPRLCQCFREERERKROERSRHEADDRSGGSS 60
   |||||||
Db 25 EDDNNHHHGKSGQCVRCEDRPWHORPRLCQCFREERERKROERSRHEADDRSGGSS 84

RESULT 9
ID 09SBEB PRELIMINARY: PRT: 238 AA.
AC 09SBEB.
DT 01-MAY-2000 (TREMBLrel. 13, Created)
DT 01-MAY-2000 (TREMBLrel. 13, Last sequence update)
DT 01-OCT-2000 (TREMBLrel. 15, Last annotation update)
DE GLOBULIN-1 (FRAGMENT).
OS Zea mays subsp. parviflumis.
OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;
OC Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.
OX NCBI_TaxID=76912;
RN 11
RP SEQUENCE FROM N.A.
RA Hilton H., Gaut B.S.;
RT "Speciation and domestication in maize and its wild relatives:
   evidence from the globulin-1 gene.";
RL Genetics 0:0-0(1998).
DR EMBL: AF064221; AAC31464.1; -.
DR HSSP: P50477; 1CAU.
DR INTERPRO: IPR000901; -.
DR INTERPRO: IPR001113; -.
DR PFAM: PF00546; Seedstore_7s; 1.
DR PROSITE: PS00867; CPSASE_2; UNKNOWN_1.
DR NON_TER 238
FT SEQUENCE 238 AA; 27362 MW; A75C0C7DED9B773A CRC64;

```

Query Match 97.7%; Score 342; DB 10; Length 238;  
Best Local Similarity 96.7%; Pred. No. 4.6e-31;  
Matches 58; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDDNNHHNGHKGSGCYRCEDRPWHORPRLCQCREEEREKKOERSRHHADDSGCGSS 60  
|||||  
DB 25 EDDNNHHNGHKGSGCYRCEDRPWHORPRLCQCREEEREKKOERSRHHADDSGCGSS 84

## RESULT 10

Q9SBF0 PRELIMINARY; PRT; 240 AA.  
ID Q9SBF0  
AC Q9SBF0;  
DT 01-MAY-2000 (Tremblrel. 13, Created)  
DT 01-MAY-2000 (Tremblrel. 13, Last sequence update)  
DT 01-OCT-2000 (Tremblrel. 15, Last annotation update)  
DE GLOBULIN-1 (FRAGMENT).  
OS Zea mays subsp. parviglumis.  
OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;  
OC Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.  
OX NCBI\_TaxId=76912;  
RN [1]  
RP SEQUENCE FROM N.A.  
RA Hillon H., Gaut B.S.;  
RT "Speciation and domestication in maize and its wild relatives:  
evidence from the globulin-1 gene.";  
RL Genetics 0:0-0(1998).  
DR EMBL: AF064219; AAC31462.1; -.  
DR HSSP: P50477; ICAU.  
DR INTERPRO: IPR000901; -.  
DR INTERPRO: IPR001113; -.  
DR PFAM: PF00546; Seedstore\_7s; 1.  
DR PROSITE: PS00867; CPSASE\_2; UNKNOWN\_1.  
FT NON\_TER 240  
SQ SEQUENCE 240 AA; 27499 MW; ECDL3393DC94AAC CRC64;

Query Match 97.7%; Score 342; DB 10; Length 240;  
Best Local Similarity 96.7%; Pred. No. 4.6e-31;  
Matches 58; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDDNNHHNGHKGSGCYRCEDRPWHORPRLCQCREEEREKKOERSRHHADDSGCGSS 60  
|||||  
DB 25 EDDNNHHNGHKGSGCYRCEDRPWHORPRLCQCREEEREKKOERSRHHADDSGCGSS 84

## RESULT 11

Q9SBEB PRELIMINARY; PRT; 240 AA.  
ID Q9SBEB  
AC Q9SBEB;  
DT 01-MAY-2000 (Tremblrel. 13, Created)  
DT 01-MAY-2000 (Tremblrel. 13, Last sequence update)  
DT 01-OCT-2000 (Tremblrel. 15, Last annotation update)  
DE GLOBULIN-1 (FRAGMENT).  
OS Zea mays subsp. parviglumis.  
OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;  
OC Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.  
OX NCBI\_TaxId=76912;  
RN [1]  
RP SEQUENCE FROM N.A.  
RA Hillon H., Gaut B.S.;  
RT "Speciation and domestication in maize and its wild relatives:  
evidence from the globulin-1 gene.";  
RL Genetics 0:0-0(1998).  
DR EMBL: AF064220; AAC31463.1; -.  
DR HSSP: P50477; ICAU.  
DR INTERPRO: IPR000901; -.  
DR INTERPRO: IPR001113; -.  
DR PFAM: PF00546; Seedstore\_7s; 1.  
DR PROSITE: PS00867; CPSASE\_2; UNKNOWN\_1.  
FT NON\_TER 240  
SQ SEQUENCE 240 AA; 27492 MW; ECC26326633DFFB9 CRC64;

Query Match 97.7%; Score 342; DB 10; Length 240;  
Best Local Similarity 96.7%; Pred. No. 4.6e-31;  
Matches 58; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDDNNHHNGHKGSGCYRCEDRPWHORPRLCQCREEEREKKOERSRHHADDSGCGSS 60  
|||||  
DB 25 EDDNNHHNGHKGSGCYRCEDRPWHORPRLCQCREEEREKKOERSRHHADDSGCGSS 84

## RESULT 12

Q9SBEB PRELIMINARY; PRT; 240 AA.  
ID Q9SBEB  
AC Q9SBEB;  
DT 01-MAY-2000 (Tremblrel. 13, Created)  
DT 01-MAY-2000 (Tremblrel. 13, Last sequence update)  
DT 01-OCT-2000 (Tremblrel. 15, Last annotation update)  
DE GLOBULIN-1 (FRAGMENT).  
OS Zea mays subsp. parviglumis.  
OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;  
OC Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.  
OX NCBI\_TaxId=76912;  
RN [1]  
RP SEQUENCE FROM N.A.  
RA Hillon H., Gaut B.S.;  
RT "Speciation and domestication in maize and its wild relatives:  
evidence from the globulin-1 gene.";  
RL Genetics 0:0-0(1998).  
DR EMBL: AF064223; AAC31466.1; -.  
DR HSSP: P50477; ICAU.  
DR INTERPRO: IPR000901; -.  
DR INTERPRO: IPR001113; -.  
DR PFAM: PF00546; Seedstore\_7s; 1.  
DR PROSITE: PS00867; CPSASE\_2; UNKNOWN\_1.  
FT NON\_TER 240  
SQ SEQUENCE 240 AA; 27604 MW; 2E0A2A2944B537DB CRC64;

Query Match 97.7%; Score 342; DB 10; Length 240;  
Best Local Similarity 96.7%; Pred. No. 4.6e-31;  
Matches 58; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 EDDNNHHNGHKGSGCYRCEDRPWHORPRLCQCREEEREKKOERSRHHADDSGCGSS 60  
|||||  
DB 25 EDDNNHHNGHKGSGCYRCEDRPWHORPRLCQCREEEREKKOERSRHHADDSGCGSS 84

## RESULT 13

Q41750 PRELIMINARY; PRT; 407 AA.  
ID Q41750  
AC Q41750;  
DT 01-NOV-1996 (Tremblrel. 01, Created)  
DT 01-NOV-1996 (Tremblrel. 01, Last sequence update)  
DT 01-MAY-2000 (Tremblrel. 13, Last annotation update)  
DE GLOBULIN1.  
GN GUB1.  
OS Zea mays (maize).  
OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;  
OC Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.  
OX NCBI\_TaxId=4577;  
RN [1]  
RP SEQUENCE FROM N.A.  
RA STRAIN-IHP, ILLINOIS HIGH PROTEIN;  
RC Bhatramakki D., Kriz A.L.;  
RL Submitted (MAY-1995) to the EMBL/GenBank/DBJ databases.  
DR EMBL: U28017; AAB60295.1; -.  
DR MENDEL: 11236; zeama; 1188; 11236.  
DR INTERPRO: IPR000901; -.  
DR INTERPRO: IPR001113; -.  
DR PFAM: PF00546; Seedstore\_7s; 1.  
DR PROSITE: PS00867; CPSASE\_2; UNKNOWN\_1.  
FT NON\_TER 407  
SQ SEQUENCE 407 AA; 46684 MW; 285E3ADE3C22969F CRC64;

Query Match 97.7%; Score 342; DB 10; Length 407;  
 Best Local Similarity 96.7%; Pred. No. 7.2e-31;  
 Matches 58; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 EDDNNHHNGHKSQCVRCEDRPWHQRPRLCQCREEERERKROERSRHEADDRSGEGSS 60  
 |||  
 DB 25 EDDNNHHNGHKSQCVRCEDRPWHQRPRLCQCREEERERKROERSRHEADDRSGEGSS 84

## RESULT 14

081258 PRELIMINARY; PRT; 238 AA.

AC 081258;  
 DT 01-NOV-1998 (TREMblrel. 08; Created)  
 DT 01-NOV-1998 (TREMblrel. 08; Last sequence update)  
 DT 01-OCT-2000 (TREMblrel. 15; Last annotation update)  
 DE GLOBULIN-1 (FRAGMENT).

OS Zea luxurians (Teosinte).  
 OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;  
 CC Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.  
 OX NCBI\_TaxID=15945;

RN [1]  
 RP SEQUENCE FROM N.A.  
 RA Hilton H., Gaut B.S.;  
 RT "Speciation and domestication in maize and its wild relatives:  
 evidence from the globulin-1 gene.";

RL Genetics 0:0-0(1998).  
 DR EMBL; AF064229; AACJ1472.1; -.  
 DR HSSP; P50477; ICAU.  
 DR MENDEL; 31900; Zealu:1188; 31900.  
 DR INTERPRO; IPR001113; -.

DR PFAM; PF00546; Seedstore\_7s; 1.  
 DR NON\_TER 238  
 FT SEQUENCE 238.AA; 27306 MW; BCA3CB36FB28C6E2 CRC64;

Query Match 97.4%; Score 341; DB 10; Length 238;  
 Best Local Similarity 96.7%; Pred. No. 6e-31;  
 Matches 58; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 EDDNNHHNGHKSQCVRCEDRPWHQRPRLCQCREEERERKROERSRHEADDRSGEGSS 60  
 |||  
 DB 25 EDDNNHHNGHKSQCVRCEDRPWHQRPRLCQCREEERERKROERSRHEADDRSGEGSS 84

## RESULT 15

081256 PRELIMINARY; PRT; 240 AA.

AC 081256;  
 DT 01-NOV-1998 (TREMblrel. 08; Created)  
 DT 01-NOV-1998 (TREMblrel. 08; Last sequence update)  
 DT 01-OCT-2000 (TREMblrel. 15; Last annotation update)  
 DE GLOBULIN-1 (FRAGMENT).

OS Zea mays subsp. parviglumis.  
 OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;  
 CC Magnoliophyta; Liliopsida; Poales; Poaceae; Zea.  
 OX NCBI\_TaxID=76912;

RN [1]  
 RP SEQUENCE FROM N.A.  
 RA Hilton H., Gaut B.S.;  
 RT "Speciation and domestication in maize and its wild relatives:  
 evidence from the globulin-1 gene.";

RL Genetics 0:0-0(1998).  
 DR EMBL; AF064226; AACJ1469.1; -.  
 DR HSSP; P50477; ICAU.  
 DR MENDEL; 31898; Zeama:1188; 31898.  
 DR INTERPRO; IPR000901; -.

DR PFAM; PF00546; Seedstore\_7s; 1.  
 DR PROSITE; PS00867; CPASASE\_2; UNKNOWN\_1.  
 DR NON\_TER 240  
 FT SEQUENCE 240.AA; 240 MW; BCAA3CB36FB28C6E2 CRC64;

SQ SEQUENCE 240 AA; 27457 MW; CCC2E1CEDA04D9B1 CRC64;

Query Match 97.1%; Score 340; DB 10; Length 240;  
 Best Local Similarity 96.7%; Pred. No. 7.8e-31;  
 Matches 58; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 EDDNNHHNGHKSQCVRCEDRPWHQRPRLCQCREEERERKROERSRHEADDRSGEGSS 60  
 |||  
 DB 25 EDDNNHHNGHKSQCVRCEDRPWHQRPRLCQCREEERERKROERSRHEADDRSGEGSS 84

Search completed: March 1, 2001, 16:17:16  
 Job time: 454 sec

